



South Coast Air Quality Management District

**Phillips 66 Wilmington
2013 Rule 1118 Quarterly Flare Emissions**

Emission Target (Includes the combined totals from the Carson and Wilmington facilities)

Emissions	Emissions (lbs)	
	18,356.0	Phillips 66, Wilmington
	13,315.20	Phillips 66, Carson
50,874	31,671.20	Total Combined Emissions

Quarter I (January 1, 2013 - March 31, 2013)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	1,076,575	8.4	139.2	9.5	49.1	53.3
South	987,484	7.4	127.6	7.1	35.2	3.5
UK	979,209	7.4	127.2	6.9	34.7	0.3
LPG	7,552,361	155.3	1,671.80	1,521.30	8,933.30	22.1
Total	10,595,629	178.5	2,065.80	1,544.80	9,052.30	79.2

Quarter II (April 1, 2013 - June 30, 2013)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	3,150,232	52.1	236.6	100.6	584.6	4,043.90
South	2,002,495	29.3	146.9	29	164.8	578.6
UK	1,819,793	24.8	177.5	52.3	300.8	3,481.10
LPG	2,809,680	56.1	610.2	541	3,481.10	7.9
Total	9,782,200	162.3	1,171.20	722.9	4,531.30	8,111.50

Quarter III (July 1, 2013 - September 30, 2013)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	3,610,173	61.8	422.1	273.6	1,396.80	7,209.30
South	1,061,007	9.9	133.5	19.3	107.9	279.6
UK	1,493,269	17.9	193.2	66	381.7	1,188.90
LPG	8,865,664	183.2	1,968.50	1,798.60	10,562.00	26.3
Total	15,030,113	272.8	2,717.30	2,157.50	12,448.40	8,704.10

Quarter IV (October 1, 2013 - December 31, 2013)

Flare ID	Total Gas Flow (scf)	Emissions (lbs)				
		PM-10	NOx	ROG	CO	S as SO2
North	1,391,518	15.1	157	27	152.5	1,311.00
South	954,013	7.8	121	8.9	46.6	126.7
UK	989,356	7.4	128.6	7	34.9	1.8
LPG	7,295,061	150.5	1,617.70	1,475.70	8,665.80	21.7
Total	10,629,948	180.8	2,024.30	1,518.60	8,899.80	1,461.20
Total	10,119,905	172.5	1,415.80	884.7	5,169.50	25,230.20